



# 26<sup>th</sup> North Texas Building Professional Institute

**May 21-24, 2018**  
Exhibitor Showcase – May 21-23, 2018

Irving Convention Center at Las Colinas  
500 W Las Colinas Boulevard  
Irving, Texas 75039



*The Building Professional Institute is sponsored by the Building Officials Association of Texas.*

# 26<sup>th</sup> BPI Course Matrix



TRACK	MONDAY		TUESDAY		WEDNESDAY		THURSDAY	
	AM	MAY 21 PM	AM	MAY 22 PM	AM	MAY 23 PM	AM	MAY 24 PM
01 Architectural/ Green Building	Understanding Accessibility Standards <b>Session 01</b> 4 Hrs.	Applying Accessibility Standards <b>Session 02</b> 4 Hrs.	Energy Code Compliance for Multi-Family Housing <b>Session 03</b>	Energy Code Compliance for Commercial Buildings <b>Session 04</b>	Sustainability and Resilience for Disaster-Prone Areas <b>Session 05</b>	Renovating and Preserving Historic Buildings <b>Session 06</b>	Water Conservation <b>Session 07</b>	Designing Smaller Spaces <b>Session 08</b>
02 Code Enforcement	Legal Aspects <b>Session 09</b>	Local Code & Ordinance Adoption Roadmap <b>Session 10</b>	Illegal Dumping & How to Write a Warrant <b>Session 11</b>	Verbal Judo <b>Session 12</b>	Animal Behavior & Violators with Mental Issues <b>Session 13</b>	Legal Aspects <b>Session 14</b>	Assisting Mobile Park Compliances & Officer's Ethics <b>Session 15</b>	Mental Health & Code Enforcement <b>Session 16</b>
03 Test Prep for Residential Inspectors	Test Preparation for Residential Inspectors ICC Exam – Day 1 <b>Session 17</b>		Test Preparation for Residential Inspectors ICC Exam – Day 2 <b>Session 18</b>					
04 Engineering	NSSA Design Practices Committee Guidelines <b>Session 19</b>	Engineering Ethics and Construction Litigation <b>Session 20</b>	Building Envelopes Trend in Litigation <b>Session 21</b>	Soils-Theory to Observation <b>Session 22</b>	Strength and Serviceability Failures in Buildings <b>Session 23</b>	Active Zone Depth in Unsaturated Expansive Clay Soils <b>Session 24</b>	Wind Loads under the new ASCE 7-16 Guidelines <b>Session 25</b>	
05 Energy Code	Plan Review of Solar Panel Installations <b>Session 26</b>		2015 IECC Significant Changes-Residential <b>Session 27</b>	2015 IECC Significant Changes-Commercial <b>Session 28</b>	2015 IECC-Commercial-Mechanical System Provisions <b>Session 29</b>	2015 IECC-Commercial-Daylighting Provisions <b>Session 30</b>	2015 IECC-Concepts of Residential Energy Code Inspectors <b>Session 31</b>	2015 IECC-Concepts of Commercial Energy Code Applications for Plan Examiners and Inspectors <b>Session 32</b>
06 Environmental Health Code	Kitchen Plumbing and Grease Traps <b>Session 33</b>	Bed Bug Inspection for the Municipal Building, and Pesticide Safety and PPE <b>Session 34</b>			Hurricane Harvey- Role of the Sanitarian <b>Session 35</b>	Trinity River Authority- WHO ARE YOU? <b>Session 36</b>	ROP (Reduced Oxygen Packaging) <b>Session 37</b>	Meat Inspection (Where's the Beef) <b>Session 38</b>

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	AM	MAY 21	PM	AM	MAY 22	PM	AM	MAY 23	PM	AM	MAY 24	PM
07 Fire Prevention	2018 IBC Overview of Fire Alarm Provisions based on the IBC, IFC, and NFPA 72 <b>Session 39</b>			IFC Fire Protection Systems <b>Session 40</b>			IFC Performing Commercial Fire Plan Review – Day 1 <b>Session 41</b>			IFC Performing Commercial Fire Plan Review – Day 2 <b>Session 42</b>		
08 International Building Code	2018 IBC Significant Changes from the 2015 <b>Session 43</b>			2018 IBC Building Classifications <b>Session 44</b>			2018 IBC Exit System <b>Session 45</b>	2018 IBC Assembly Means of Egress <b>Session 46</b>		IBC and IFC Hazardous Materials Provisions for the Building Department <b>Session 47</b>		
09 International Residential Code	Major changes between 2015 to the 2018 IRC <b>Session 48</b>			Fire Residence Construction- 2018 International Residential Code R302 <b>Session 49</b>			Spray Foam- including Thermal and Ignition Barriers <b>Session 50</b>	2018 IRC Residential Deck Design & Construction <b>Session 51</b>		Overview of the 2017 NEC for Combination Inspectors <b>Session 52</b>		
10 Surveying										Monuments and Texas Coordinate Systems <b>Session 53</b>	Professionalism and Ethics <b>Session 54</b>	
11 National Electrical Code (NEC)	2017 NEC Article 690 Solar Photovoltaic and Plan Review, Plus TDLR Law, Rules, & 70E <b>Session 55</b>			Grounding and Bonding 2017 NEC Article 250. TDLR Electrical Law and Rules Plus NFPA 70E Electrical Safety in the Workplace <b>Session 56</b>			Service and Feeders Installations 2017 National Electrical Code Articles 230 & 225 TDLR Electrical Law & Rules plus NFPA 70E Electrical Safety in the Workplace <b>Session 57</b>			Inspections of Motors & Transformer 2017 NEC Articles 430 and 450. TDLR Electrical Law & Rules plus NFPA 70E Electrical Safety in the Workplace <b>Session 58</b>		
12 Permit Technician	The Complete Permit Technician - Day 1 <b>Session 59</b>			The Complete Permit Technician - Day 2 <b>Session 60</b>			Test Prep for Code Specialist Exam - Day 1 <b>Session 61</b>			Test Prep for Code Specialist Exam - Day 2 <b>Session 62</b>		
13 Planning	Planning and Zoning 101 <b>Session 63</b>	Ethics for Building and Planning Professionals <b>Session 64</b>		Connecting Livable Centers / What Austin Legislature Decided Part 2 <b>Session 65</b>	Urban Design (101) / Comp-Plan Implementation <b>Session 66</b>					Autonomous Vehicles-The Future of Transportation / Smart Cities-Cities of the Future <b>Session 67</b>	Planning for Resiliency in North Texas / Trending Planning Research <b>Session 68</b>	

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	AM	MAY 21	PM	AM	MAY 22	PM	AM	MAY 23	PM	AM	MAY 24	PM	
14 Plan Review	2018 IBC Fundamentals <b>Session 73</b>			2018 IBC Building Classifications <b>Session 74</b>			2018 IBC Assembly Means of Egress <b>Session 75</b>		Mixed Occupancies <b>Session 76</b>		Allowable Heights & Areas <b>Session 77</b>		Fire & Life Safety Principles <b>Session 78</b>
15 Plumbing & Mechanical Code	Commercial Plumbing Inspections <b>Session 79</b>			Commercial Mechanical Inspections <b>Session 80</b>			Mechanical Updates (2018 IMC) <b>Session 81</b>		Plumbing Updates (2018 IPC) <b>Session 82</b>		TSBPE, TECQ And Railroad Commission Updates <b>Session 83</b>		Water Heater and Expansion Tanks <b>Session 84</b>
16 Residential Construction & Inspection	Inspecting Residential Foundations <b>Session 85</b>		Residential Mechanical Inspection <b>Session 86</b>	Plumbing Inspections from Rough to Top Out <b>Session 87</b>			Residential Electrical Inspection Plus 2017 NEC, TDLR Laws and Rules <b>Session 88</b>			Basic Residential Field Inspection (Chapter 1-10 2018 IRC) <b>Session 89</b>			
17 Re-Certification for Plumbing Inspectors License	Re-Certification for Plumbing Inspectors/Continuing Education for License Renewal <b>Session 90</b>												
18 Special Topics				Safety Assessment Provider Training (SAP/CalOES)-DSW Training <b>Session 91</b>			Post Disaster Damage Assessment Coordination <b>Session 92</b>		The National Guard in the Incident Command System / FEMA and Hurricane Harvey <b>Session 93</b>		Human Trafficking <b>Session 94</b>		
19 Texas Accessibility	Understanding TX Accessibility Standards <b>Session 96</b> 4 Hrs.		Applying Texas Accessibility Standards <b>Session 97</b> 4 Hrs.										
20 Texas Accessibility Standard Academy				Texas Accessibility Academy <b>Session 98</b> 8 Hrs.			Texas Accessibility Academy <b>Session 99</b> 8 Hrs.						

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# COURSE DESCRIPTIONS AND INSTRUCTORS

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## Architecture/Green Building

- Monday AM**      **Understanding Texas Accessibility Standards**  
Overview of TDLR, the state statute and rules, comparisons of the Federal ADA and standards applicable to the design, construction and alteration of building / facilities. This course is certified for 4-hours of RAS CEU/s. Non-RAS's welcome.  
Note: **This is a 4-hour class starting at 8:00 am and ending at 12:00 Noon.**  
**Instructors: Robert Posey & Norman Kieke - Texas Department of Licensing and Regulations**
- Monday PM**      **Applying Accessibility Standards**  
Overview of the 2012 TAS applied to common situations that are encountered in real life. This course can be used for the one hour of self-reported barriers free AIA CEU requirements to Architects and 4-hours of RAS CEU's. Non-RAS's are welcome.  
Note: **This is a 4-hour class starting at 1:00 pm and ending at 5:00 pm.**  
**Instructors: Robert Posey & Crisi Cooper - Texas Department of Licensing and Regulations**
- Tuesday AM**      **Energy Code Compliance for Multi-Family Housing**  
Changes to the Energy Codes and their impacts on multi-family projects, including determining which code applies and a comparison of the four pathways for compliance. **(180min)**  
**Instructors: Steve Saunders & Brad Bray - Tex Energy Solutions, US-Eco Logic Phil Crone-Dallas Builders Association**
- Tuesday PM**      **Energy Code Compliance for Commercial Buildings**  
An overview of the major changes in energy code compliance for commercial buildings with Texas' adoption of the 2015 IECC, a comparison of compliance methods, energy modeling for code compliance and the new building envelope requirements and commissioning. **(180min)**  
**Instructors: Tony Molinaro, PE & Kim Shinn, PE, LEED AP - TLC Engineering**
- Wednesday AM**      **Sustainability and Resilience for Disaster-Prone Areas**  
A review of Hurricane Harvey's impact on the Texas coast, causes of flooding and emergency response activities during and after the event. This will be followed by a discussion of building features that can help structures in disaster-prone areas be more sustainable and resilient. **(180 Min)**  
**Instructors: James Keith, PE, CFM & Christopher Norris, PE, LEED - Water P Moore**





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# COURSE DESCRIPTIONS AND INSTRUCTORS

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**Wednesday PM**     **Renovating and Preserving Historic Buildings**  
As Southwestern cities mature and urbanize, there is also a growing recognition of the value of existing and historic structures. Recognizing that there are important differences in working with historic structures, this session will give important insight into those differences, how they came about and how to work with them effectively by looking at the cultural, physical, financial and regulatory issues specific to them.  
**(180 Min)**  
**Instructor: Norman Alston, AIA, LEED AP-Alston Architects**

**Thursday AM**     **Water Conservation**  
Explore why water conservation is so important, methods of conservation to use in building design, define key terms for the design, construction and operations of buildings with water conservation features, and identify current market limits for this type of project; and water conservation case studies. **(180 Min)**  
**Instructor: Kirk Johnson, AIA, LEED Fellow-Corgan**

**Thursday PM**     **Designing Smaller Spaces**  
Case studies of smaller spaces, including custom residential, religious spaces and retail. **(180 Min)**  
**Instructors: Laura Baggett, AIA – Domiteaux + Baggett Architects; Jerry Halcomb, FAIA - HH Architects; Ivan Perez-Rossello, AIA - Starbucks Coffee Company**

## Code Enforcement

**Monday AM**     **Legal Aspects**  
Provides 1 hour of legal updates on code enforcement and covers topics such as traditional methods of code enforcement, legal tools available for code enforcement, liability of code and building officials/inspectors and constitutional constraints on code enforcement activities.  
**Instructor: Janet Spugnardi, JD-City of Irving Attorney**

**Monday PM**     **Local Code & Ordinance Adoption Roadmap**  
Learn how to walk through steps necessary to adopt or amend local codes and ordinances within your jurisdiction. A solid process coupled with good written/verbal communication skills; political savvy; and rock-solid benchmark/community input data is your roadmap to success.  
**Instructor: Teresa Adrian- City of Irving**



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# COURSE DESCRIPTIONS AND INSTRUCTORS

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**Tuesday  
AM**

## **Illegal Dumping and How to Write a Warrant**

Illegal Dumping: To differentiate between Class C, Misdemeanor A & B, and Felony violations with regards to weight and locations. Identify when PD needs to get involved according to Texas Health and Safety Code 365 and Texas Code of Criminal Procedures 2.13. To address ways to catch violators. Ways to process violations.

Warrants: To identify the legal right to obtain a search or seizure warrant according to Texas Code of Criminal Procedures, Art 18. Identify the differences between Code warrants and PD warrants. Describe what information is needed on a search/seizure warrant. How warrants can be obtained to identify sign violators.

**Instructor: Phillip Cagle - City of Haltom City**

**Tuesday  
PM**

## **Verbal Judo**

How to deploy the tactic of empathy instead of sympathy, better citizen interaction with hands on demonstrations and how to handle or deal with an irate citizen. Good customer service and positive community response is the goal.

**Instructor: Lee Watts - City of Killeen**

**Wednesday  
AM**

## **Animal Behavior and Violators with Mental Issues**

Animal Behavior- This class will help attendees to be able to identify, understand and respond to certain dog behaviors while performing property inspections.

Violators with Mental Issues: This class will help to assist Code Officers to identify Zoning and IPMC (International Property Maintenance Code) regulations for rooming and boarding houses while being aware of potential hazards.

**Instructor: Anthony Majors - Austin Code Enforcement**

**Wednesday  
PM**

## **Legal Aspects**

Are you in need of your required 1 hour legal update but hesitant to sign up for an afternoon class? This legal update class is like no other as these very gifted and humorous lawyers team to explain the new changes in the law. It's guaranteed to keep you awake and your attention...and hopefully keep us out of hot water!

**Instructors: Mr. Joseph Gorfida, Mr. Whitt Wyatt & Mrs. Julie Dasher - Nichols, Jackson, Dillard, Hagar & Smith L.L.P.**

**Thursday  
AM**

## **Assisting Mobile Home Park Compliances and Officer's Ethics**

Assisting Mobile Home Park Compliances: This class will help attendees to identify the challenges of abating mobile home violations and how Code Officers can work with Mobile Home owners to assist with compliance.

Officer's Ethics: This class will help Code Officers to better understand State Guidelines regarding Code Officers authority according to Chapter 1952 of the State Occupational Code.

**Instructor: Anthony Majors - Austin Code Enforcement**



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# COURSE DESCRIPTIONS AND INSTRUCTORS

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**Thursday  
PM**

## **Mental Health and Code Enforcement**

This session will cover the importance of making a good diagnostic impression, and de-escalation techniques while interacting with client's in crisis from a code enforcement perspective. The presentation will cover general mental health diagnostic information, hoarding, communication as it relates to de-escalation, body language, and ways to stay safe while working in the field. Code Officer Safety tips will include how to deal with aggressive citizens in unstable and dangerous situations, with an emphasis on officer safety and situational awareness. The class will be co-presented with Officer Sanders, Mental Health Peace Officer from Euless PD, and Ken Bennett, LCSW Mental Health Coordinator for Hurst, Euless, and Bedford PD.

**Instructors: Ken Bennet- Mental Health Coordinator HEB & C.B. Sanders- City of Euless**

## **Test Preparation for Residential Inspectors ICC Exam**

**Monday  
AM/PM**

### **Test Preparation for Residential Inspectors**

**Day 1-**This course will consist of the first portion of the Residential Inspectors Certification Exam. Chapters 1-5 will be discussed on the first day. Attendees are encouraged to bring their 2015 International Residential Code (IRC) to class.

**Instructor: Frank Morris, C.B.O - TRI State Consultants**

**Tuesday  
AM/PM**

### **Test Preparation for Residential Inspectors**

**Day 2-** This course will consist of the second portion of the Residential Inspectors Certification Exam. Chapters 6-10 will be discussed on the second day. Attendees are encouraged to bring their 2015 International Residential Code (IRC) to class.

**Instructor: Frank Morris, C.B.O - TRI State Consultants**

## **Engineering**

**Monday  
AM**

### **NSSA Design Practices Committee Guidelines**

The 2015 and 2018 editions of the IBC require that tornado shelters be constructed in schools and first response centers (911 call centers and fire stations) over a region that covers approximately a quarter of the United States, including portions of Texas that are north of Waco. The code requires these shelters be constructed in accordance with ICC 500-2014 "(ICC/NSSA Standard for the Design and Construction of Storm Shelters)". The National Storm Shelter Association (NSSA) Design Practices Committee is developing guidelines on how to apply ICC 500. This presentation will provide the recommendations being discussed at the NSSA and will provide attendees an opportunity to give feedback on the proposed interpretations and recommendations.

**Instructor: Benchmark Harris, PE, LEED AP - Huckabee**





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# COURSE DESCRIPTIONS AND INSTRUCTORS

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- Monday PM**      **Engineering Ethics (1 hour)**  
Key elements of ethic related issues from both the engineering and legal perspective are discussed (1 hour).  
**Instructor: Clif Bond-Texas Board of Professional Engineers**
- Monday PM**      **Construction Litigation (2 hours)**  
Covers content of law in construction risk management, avoiding disputes, common areas of dispute, insurance, case studies and legislative efforts in the construction context, Proper documents/documentation to help avoid litigation.  
**Instructor: Frank Broyles P.C.**
- Tuesday AM**      **Building Envelopes: The Hottest and Worst Trend in Residential Litigation**  
This course addresses a new litigation frenzy sweeping the state where firms are being retained to deconstruct single-family and multi-family residential projects in search of building envelope components that are not installed in compliance with the applicable Code requirements and common pitfalls we have encountered in order to help them avoid lawsuits for latent defects.  
**Instructor: Brian C. Eubanks-MSCE, P.E., DFE-Paragon Structural Engineering, LTD**
- Tuesday PM**      **Soils- Theory to Observation**  
Course will include brief descriptions of unsaturated soil theory and its practical application on observed behavior. The majority of time will be spent on case studies relative to performance of roadways and infrastructure, buildings, myths of sab-on-grade design, impact of heave on retaining walls and behavior of fill. The purpose of the case studies is to allow the attendees to learn from some else's experience.  
**Instructor: Ron Reed, P.E. Reed Engineering Group**
- Wednesday AM**      **Strength and Serviceability Failures in Buildings**  
Describes performance failures in building arising from poor behavior of structural and foundation systems, includes case histories showing influence of design, construction, extreme loading, and maintenance on the strength and durability of structures. Discusses serviceability problems arising from improper detailing, incompatible façade-structure interaction and other unanticipated conditions. Reviews steel, concrete, masonry, wood and composite structural systems.  
**Instructor: Michael Lee, P.E. – Wiss, Janney, Elstner Assoc.**
- Wednesday PM**      **Active Zone Depth in Unsaturated Expansive Clay Soils**  
The differentiation between seasonal or climatic effects versus longer term moisture and suction equilibration beneath structures and pavements is not well understood. This course will provide tools to help differentiate the modes of movement from both a practical performance perspective as well as a rationally based theoretical framework.  
**Instructor: Dr. John T. Bryant, Ph.D.**

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# COURSE DESCRIPTIONS AND INSTRUCTORS

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**Thursday  
AM/PM**

## **Wind Loads under the new ASCE 7-16 Guidelines**

Presents the recent changes in the wind load provisions under ASCE 7-16.

**Instructor: Jerry Kunkel- Jerald W. Kunkel Consulting Engineers, Inc.**

**Instructor: Madan Mehta, Ph.D. – Professor of Architecture UTA**

## **Energy Code**

**Monday  
AM/PM**

## **2017 NEC Article 690 Solar Photovoltaic and Plan Review, Plus TDLR Law, Rules, & 70E.**

This solar photovoltaic course starts with the plan review process on how to recognize the most common discrepancies that require revision associated with on-site inspection.

Additional information includes building, fire, and electrical codes applicable to these installations. Attendees will be provided with plans that include site and electrical plans, manufacturers' specification sheets, and installation instructions.

Included is TDLR law, rules, and electrical safety NFPA 70E © for State of Texas electrical license renewal. TDLR Course # Pending

**Instructor: Bill McGovern - Speaker**

**Tuesday  
AM**

## **2015 IECC Significant Changes-Residential**

This course will provide the attendee an in depth look at the changes in the Residential Provisions of the 2015 International Energy Conservation Code, including Texas State amendments.

**Instructor: Shirley Ellis - Energy Systems Laboratory, Texas A&M System**

**Tuesday  
PM**

## **2015 IECC Significant Changes- Commercial**

This course will provide the attendee an overview of the changes affecting the Commercial Provisions of the 2015 International Energy Conservation Code in the following areas: Administration and Scope, Definitions, General Requirements, Building Thermal Envelope, Serve Water Heating, Additional efficiency Package Options, Total Building Performance, System Commissioning and Existing Buildings. Electrical Power and Lighting Systems will also be covered, excluding daylighting and daylight controls.

**Instructor: Shirley Ellis - Energy Systems Laboratory, Texas A&M System**

**Wednesday  
AM**

## **2015 IECC Commercial- Mechanical System Provisions**

This course will provide the attendee an in depth look into the 2015 International Energy Conservation Code's Building Mechanical System Section. Included in the discussion will be economizers, demand controlled ventilation, energy recovery ventilation, duct systems, commissioning, walk-in coolers and freezers, refrigerated warehouse coolers and freezers, refrigerated display cases, multiple zones HVAC and complex mechanical systems.

**Instructor: Shirley Ellis - Energy Systems Laboratory, Texas A&M System**



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## COURSE DESCRIPTIONS AND INSTRUCTORS

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**Wednesday PM**    **2015 IECC Commercial-Daylighting Provisions**  
This course will provide the attendee an understanding of daylighting and the 2015 International Energy Code provisions. What is daylighting, when is it required, how do I calculate daylight areas and how is daylighting controlled.  
**Instructor: Shirley Ellis - Energy Systems Laboratory, Texas A&M System**

**Thursday AM**    **2015 IECC- Concepts of Residential Energy Code Inspectors**  
We will discuss the role of the building official in approving, validating and performing quality control of 3<sup>rd</sup> party energy inspectors. We will identify items to scrutinize in plan review and discuss proper energy related permit submittals. We will also identify and discuss field verification items.  
**Instructor: Jason Vandever - Energy Code Program Manager-SPERR**

**Thursday PM**    **2015 IECC- Concepts of Commercial Energy Code Applications for Plan Examiners and Inspectors**  
We will discuss the role of the building official in approving, validating and performing quality control of 3<sup>rd</sup> party energy inspectors including commissioning providers. We will identify items to scrutinize in plan review and discuss proper energy related permit submittals. We will also identify and discuss field verification items.  
**Instructor: Jason Vandever - Energy Code Program Manager-SPERR**

## Environmental Health

**Monday AM**    **Kitchen Plumbing and Grease traps**  
This is a panel discussion on Grease Traps and Kitchen Plumbing. The panel will discuss various features of both items that Sanitarians should understand. The discussion will cover both function and design. Grease traps are the unknown protectors of the sewer. The how, what's and why's over the necessities of grease interceptors. The remaining part of the discussion will cover Kitchen Plumbing, common problems and installation  
**Instructors: Mitchel Davis - City of Richardson Health Department; Gilbert Urvina - City of Frisco; Nate Gikes - Ecolab**

**Monday PM**    **Bed Bug Inspection and Control for Municipal Buildings**  
Overview of Bed Bug inspection and control relating to offices, fire stations, public libraries, schools and other public building maintained by municipalities.  
**Instructor Mike Swan – Entex Pest Solutions**

**Pesticide Safety and Personal Protective Equipment**  
This class will discuss pesticide safety practices and proper Personal Protective Equipment usage relating to mosquito control activities.  
**Instructor: Patrick Prather - Municipal Mosquito**



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## COURSE DESCRIPTIONS AND INSTRUCTORS

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- Wednesday AM**     **Hurricane Harvey- Role of the Sanitarian**  
The City of Houston, Environmental Services Division, Bureau of Consumer Health Services was active in responding to the Hurricane Harvey disaster in August 2017. The staff provided expertise in sheltering, food safety, and environmental issues throughout the city. They were on duty around the clock monitoring and overseeing numerous operations to ensure that environmental hazards were removed and resolving conditions that were detrimental to the safety of the citizens of Houston.  
**Instructors: Renee Beckham - City of Houston Health Department; Mike Lester- City of Baytown**
- Wednesday PM**     **Trinity River Authority- WHO ARE YOU?**  
Introduction to the Trinity River Authority's Northern Region operating wastewater system in the Dallas/Fort Worth Metroplex.  
**Instructor: Fiona Allen -Trinity River Authority**
- Thursday AM**     **ROP (Reduced Oxygen Packaging)**  
What is it? Why is it used? And What are we worried about?  
**Instructor: Jason Guzman**
- PM**     **Where's the Beef?**  
Case studies on HACCP approach to the Beef Industry  
**Instructor: Gary Balthrop - State Health And Human Resources**

### Fire Prevention (IFC)

- Monday AM/PM**     **2018 IBC Overview of Fire Alarm Provision based on the IBC, IFC and NFPA 72**  
This course provides an overview of the latest safety provisions related to the Fire Alarm detection, signaling and emergency communication demands. The building and fire code requirements based on occupancy classifications for automatic and manual systems and other scoping provisions related to fire alarms will be presented. This will be followed by coverage of NFPA 72 installations, performance, inspection testing and maintenance of fire alarm and fire system components. This will include the identifications of alarm testing, maintenance of the alarm systems and identification of the alarm elements on building plans.  
**Instructor: Kevin Scott - President of KH Scott and Associates, ICC instructor**
- Tuesday AM/PM**     **2018 IFC Fire Protection Systems**  
This seminar is designed to guide participants through the 2018 IFC requirements related to fire protection systems, standpipes, automatic fire alarm systems, automatic detection systems and additional fire protection assemblies.  
**Instructor: Kevin Scott - President of KH Scott and Associates, ICC instructor**



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# COURSE DESCRIPTIONS AND INSTRUCTORS

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**Wednesday AM/PM**    **IFC Performing Commercial Fire Plan Review – Day 1**  
This course addresses numerous provisions in the 2015/2018 (IFC). Where the fire Code contains requirements applicable to construction, design, operations, storage use and handling that occurs in a special occupancy but that are not regulated specifically by the 2015/2018 IFC. This course is intended to help code officials responsible for plan review to identify those areas where plan review will include compliance with the IFC. Activities and discussion will further enhance participant learning  
**Instructor: Kevin Scott - President of KH Scott and Associates, ICC instructor**

**Thursday AM/PM**    **IFC Performing Commercial Fire Plan Review – Day 2**  
*see definition in Day 1*  
**Instructor: Kevin Scott - President of KH Scott and Associates, ICC instructor**

## International Building Code (IBC)

**Monday AM/PM**    **2018 IBC Significant Changes from the 2015**  
The goal of this seminar is to familiarize the student with the many important changes in the 2018 IBC. The seminar gives an overview of the changes from the 2015 to the 2018 IBC. It identifies the changes in the organization of the book and the code requirements applicable to plan review and inspection.  
**Instructor: Steve Thomas - Colorado Code Consultants**

**Tuesday AM/PM**    **2018 IBC Building Classifications**  
This seminar addresses the key issues of the 2018 IBC regarding the proper classifications of buildings. The process for correctly evaluating a building for code compliance relies on a systematic approach to the determination of occupancy classifications and construction type(s). This class will describe the 26 specific occupancy groups, the 9 types of construction, determine the allowable height and area based on types of construction and special provisions applicable to mixed occupancies.  
**Instructor: Steve Thomas - Colorado Code Consultants**

**Wednesday AM**    **2018 IBC Exit Systems**  
This seminar focuses on IBC means of egress components regulated as exits. The exit discharge provisions will also be discussed. Topics included: Exterior exit doors and at the level of discharge; Interior and Exterior exit stairways and ramps; Exit passageways and Horizontal Exits  
**Instructor: Bill Clayton - Colorado Code Consultants**





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# COURSE DESCRIPTIONS AND INSTRUCTORS

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**Wednesday PM**    **2018 IBC Assembly Means of Egress**  
This seminar identifies provisions specific to assembly building and assembly spaces. The hazards associated with large numbers of occupants in concentrated areas are specifically addressed. The seminar also includes a discussion on standards for bleachers, folding and telescoping seating and grandstands.

**Instructor: Steve Thomas - Colorado Code Consultants**

**Thursday AM/PM**    **IBC and IFC Hazardous Materials Provisions of the Building Department**  
The IBC and IFC Hazardous Materials Provisions seminar address requirements for buildings utilizing hazardous materials and requiring coordination between the fire and building codes. It will review requirements found in both the Fire Code (IFC) and the Building Code (IBC). This class is for both the Building Official and Fire Marshall.

**Instructor: Steve Thomas - Colorado Code Consultants**

## International Residential Code (IRC)

**Monday AM/PM**    **Major Changes between 2015 to the 2018 IRC**  
Participants will be able to identify significant changes between past and current editions of the IRC. Discussion of background behind some of the code changes will lead to a better understanding of the intent behind those changes, as well as identifying optimum methods of application.

**Instructor: Russell Thornburg - Speaker**

**Tuesday AM/PM**    **Fire Resistance Construction - 2018 International Residential Code R302**  
An in-depth look at required construction methods for both Two-Family Dwelling and Townhouse fire separation walls, floor-ceiling assemblies. This course will be of interest to Review applications of through and membrane penetrations. Content covered in this course includes, but is not limited to: review assemblies and applications of fire separation wall along with Common Walls, and review floor, roof and ceiling construction applications contractors, designers, plans examiners, field inspectors and architects.

**Instructor: Russell Thornburg-Speaker**

**Wednesday AM**    **Spray Foam-including Thermal and Ignition Barriers**  
This course is designed to review the old & new standards that are found in the 2018 IRC, specifically addressing when and which barriers are required for open basements, crawl spaces, and attics. Some evaluation reports will be reviewed for clarification, as well as third-party testing used to determined code compliance. Content covered in this course includes, but is not limited to: History, review IRC prescriptive requirements, foam Plastics-specific approvals, and Test Reports and Evaluation Reports.

**Instructor: Russell Thornburg-Speaker**



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# COURSE DESCRIPTIONS AND INSTRUCTORS

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**Wednesday PM**    **2018 IRC Residential Deck Design & Construction**  
Plan reviewers, field inspectors, permit techs, and contractors attending this course will receive a wide spectrum of information needed to determine minimum requirements for deck construction. Participants will review new and old code sections, as well as partake in practical application scenarios. Content covered includes, but is not limited to: Basic questions to ask with the deck applications, the mechanics of wood used in deck construction, how to size joists, beams, posts, and concrete piers, proper specification and use of fasteners, and reviewing construction documents and plot plans for permitting process.  
**Instructor: Russell Thornburg-Speaker**

**Thursday AM/PM**    **Overview of the 2017 NEC for Combination Inspectors**  
This class will lead the Combination inspectors through the numerous changes to the latest addition of the NEC that impact residential and light commercial construction.  
**Instructor: Keith Loffland – IAEl, Director of Education**

## Surveying

**Thursday AM**    **Monuments and Texas Coordinate Systems**  
This course will offer concrete methods of creating “footsteps” to be followed by future generations of land surveyors. We will discuss corner monuments and accessories and line monuments and how to properly call for items that are found in place along or near a line so these objects can be elevated to locative calls in the event that the primary monuments are obliterated. We will also discuss the use of the Texas Coordinate Systems. Within this topic the student will be given information about measurement science and statistical evaluation of measurements to aid with understanding the precision capabilities modern technology can offer and its limitations as well. A thorough discussion of the value of actual physical monumentation for the benefit of the landowner and others utilizing land surveying services will also be offered.  
**Instructor: Wayne Terry - R-Delta Engineers, Inc.**

**Thursday PM**    **Professionalism and Ethics**  
This course explores the reason Land Surveyors can claim the designation, “professional” in their title. Here we will look at the education requirements in measurement science and law to be qualified to make a boundary determination. We will discuss the ethical situations facing surveyors as they handle the affairs of a client’s real property. One chief complaint that we hear is that we don’t communicate with our clients. I hope to elevate the importance of literary and oral communication from our initial introduction to a client; through the contracting process; the day-to-day communication keeping the client apprised about our progress, and even setbacks; and ultimately the delivery of a “professional” work product.  
**Instructor: Wayne Terry - R-Delta Engineers, Inc.**



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# COURSE DESCRIPTIONS AND INSTRUCTORS

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## National Electrical Code

- Monday  
AM/PM**      **2017 NEC Article 690 Solar Photovoltaic and Plan Review, Plus TDLR Law, Rules, & 70E.**  
This solar photovoltaic course starts with the plan review process on how to recognize the most common discrepancies that require revision associated with on-site inspection. Additional information includes building, fire, and electrical codes applicable to these installations. Attendees will be provided with plans that include site and electrical plans, manufacturers' specification sheets, and installation instructions. Included is TDLR law, rules, and electrical safety NFPA 70E © for State of Texas electrical license renewal. TDLR Course # Pending  
**Instructor: Bill McGovern - Speaker**
- Tuesday  
AM/PM**      **Grounding and Bonding 2017 National Electrical Code Article 250. TDLR Electrical Law and Rules plus NFPA 70E Electrical Safety in the Workplace.**  
This class is a basic to intermediate level on the fundamentals and practices of grounding and bonding. Color illustrations and photos of real electrical installations, systems, and equipment will clarify the principles of grounding and bonding. This topic will also include grounding of services, transformers, feeder panels, and bonding of equipment, multiple building, and swimming pools. Included is TDLR law, rules, and electrical safety NFPA 70E © for State of Texas electrical license renewal. TDLR Course # Pending  
**Instructor: Bill McGovern - Speaker**
- Wednesday  
AM/PM**      **Service and Feeders Installations 2017 National Electrical Code Articles 230 and 225 TDLR Electrical Law and Rules plus NFPA 70E Electrical Safety in the Workplace.**  
This workshop will start with the management of the number of services and feeders for a building or structure and address how many set of service-entrance conductors for multiple occupancies. The locations and grouping for service and feeder disconnects and the maximum number permitted. Clearances, wiring methods, overhead and underground location, guarding, marking and other equipment connected to the supply side of the service disconnect will also be discussed. Included is TDLR law, rules, and electrical safety NFPA 70E © for State of Texas electrical license renewal. TDLR Course # Pending  
**Instructor: Mark Ode - Underwriters Laboratories, Inc.**
- Thursday  
AM/PM**      **Inspections of Motors and Transformer 2017 National Electrical Code Articles 430 and 450. TDLR Electrical Law and Rules plus NFPA 70E Electrical Safety in the Workplace.**  
This seminar will offer the proper understanding and application of branch-circuit and feeder conductor sizing, short-circuit, ground-fault, and overload protection, disconnecting means and control for these types of electrical equipment. Other items will include the application and use of tables and tap rules to provide protection for motors



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# COURSE DESCRIPTIONS AND INSTRUCTORS

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and transformers. Included is TDLR law, rules, and electrical safety NFPA 70E © for State of Texas electrical license renewal. TDLR Course # Pending

**Instructor: Mark Ode-Underwriters Laboratories, Inc.**

## Permit Technician

**Monday  
AM/PM**

### **The Complete Permit Technician**

Day 1 of a 2-day course. This two-day course is intended to provide essential information in the areas of code administration and history, legal aspects, customer service, basic construction, inspection process, zoning requirements, permit fee calculations, basic occupancy and construction types, basic means of egress and dealing with difficult customers. The course is recommended for front counter personnel, other Building Department staff and those who may be interested in preparing for the ICC Permit Technician certification exam. ***\*Please bring a calculator, highlighter, 2015 International Building Code, 2015 International Zoning Code, Legal Aspects of Code Administration and Basic Code Enforcement.***

**Instructor: Steve Burger, C.B.O., LEED A.P.**

**Tuesday  
AM/PM**

### **The Complete Permit Technician**

Day 2 of a 2-day course. This two-day course is intended to provide essential information in the areas of code administration and history, legal aspects, customer service, basic construction, inspection process, zoning requirements, permit fee calculations, basic occupancy and construction types, basic means of egress and dealing with difficult customers. The course is recommended for front counter personnel, other Building Department staff and those who may be interested in preparing for the ICC Permit Technician certification exam. ***\*Please bring a calculator, highlighter, 2015 International Building Code, 2015 International Zoning Code, Legal Aspects of Code Administration and Basic Code Enforcement.***

**Instructor: Steve Burger, C.B.O., LEED A.P.**

**Wednesday  
AM/PM**

### **Test Prep for Code Specialist Exam Preparation (Day 1)**

This course will consist of the **first portion** of the Code Specialist Certification Exam. Customer Service & Communications, Financial Management and Personnel Management will be discussed on the first day.

**Instructor: Frank Morris, C.B.O.**

**Thursday  
AM/PM**

### **Test Prep for Code Specialist Exam Preparation (Day 2)**

This course will consist of the **second portion** of the Code Specialist Certification Exam. Personnel Management, Records Management and Code Enforcement will be discussed on the second day.

**Instructor: Frank Morris, C.B.O.**



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# COURSE DESCRIPTIONS AND INSTRUCTORS

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## Planning

**Monday  
AM**

**Planning and Zoning 101 (3hours)**

This session is designed as an overview for planners new to Texas, new Planning and Zoning Commissioners, and those interested in the basics of the platting and zoning processes.

**Instructor: Dave Gattis- Speaker**

**Monday  
PM**

**Ethics for Building and Planning Professionals (3 hours)**

This session will focus on ethical practice and conduct for both planning and building professionals.

**Instructor: Ann Bagley- FAICP/Principal Bagley Associates & Alan Lathrom- Brown and Hofmeister, LLP**

**Tuesday  
AM**

**Connecting Livable Centers (1.5 hours)**

A discussion of strategies and methods to connect urban nodes to create a higher level of local and regional connectivity.

**Instructor: Staron Faucher - FNI**

**What Did the Austin Legislature Decide Part 2 (1.5 hours)**

A summary of the 2016 Austin Legislative Session and the impacts on cities.

**Instructors: Craig Farmer - City of Weatherford; Benjamin Rodriguez- City of Celina; Julie Fort - Texas Municipal Law**

**Tuesday  
PM**

**Urban Design 101 (1.5)**

An overview of the basic elements in urban design and methods to create successful urban design projects.

**Instructors: David Retzsch & Tiffany McLeod - Freese and Nichols; Madhuri Mohan- City of Allen**

**Comprehensive Plan Implementation (1.5 hours)**

A discussion of implementation strategies used to “keep plans off the shelf”.

**Instructors: Nika Reinecke - City of Lewisville; Doug McDonald - City of Plano; John Lettelier - City of Frisco**

**Thursday  
AM**

**Autonomous Vehicles- The Future of Transportation (1.5 hours)**

Explore the research and development efforts for autonomous vehicles and the potential impacts on local transportation networks.

**Instructor: Daniel Herrig & Daniel Harrison - Freese and Nichols; Steve Sims- City of Plano**





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# COURSE DESCRIPTIONS AND INSTRUCTORS

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## **Smart Cities- Cities of the Future (1.5 hours)**

This session will discuss the US Department of Transportation Smart City Challenge and methods to integrate technology into city systems to increase safety and operational efficiency.

**Instructors: Anthony Satarino - City of Frisco; Tiffany McLeod - Freese and Nichols**

**Thursday  
PM**

## **Planning for Resiliency in North Texas (1.5 hours)**

Understanding how the most powerful December tornado in North Texas history affected the cities of Rowlett and Garland, how these communities recovered, and lessons learned.

**Instructors: Jim Proce & Jim Olk - City of Garland; Blake Scott- City of Rowlett**

## **Trending Planning Research (1.5 hours)**

Planning graduate students will present the following research projects:

- Does Built Environment Matter for Innovation? A multilevel Empirical analysis of U.S. Innovation Capacity with regards to Physical Assets and Urban Form.
- A Toolkit for Successful TOD Planning: Evidence from Five American Cities.
- Does Location Matter: Performance analysis of the HUD Assistance Programs with Respect to Transportation Affordability in Dallas-Fort Worth Metroplex.
- Examining the Impacts of Street-Level Built Environmental and Urban Design Qualities on Walking Behavior in Downtown Dallas, TX

**Instructors: Ahoura Zandiatashbar, Tahereh Granpayehvaghei, Jinat Jahan, Somayeh Moazzeni/UTA College of Architecture, Planning and Public Affairs**

## **Plan Review**

**Monday  
AM/PM**

### **2018 IBC Fundamentals**

This seminar focuses on the basic concepts of the 2018 IBC. These concepts provide a basis for the correct utilization of the code. A clear understanding of the identified requirements allows the code user to apply the IBC in specific situations and helps to build an understanding of the intent of the code when asked to make a judgement on code compliance. This course will also help the code user to correctly locate code requirements. It will also provide a basis for the correct use and application of the code as well as to begin to develop a procedure for applying them. It will address the organization of the code and how it relates to the IBC family of the International Codes (I-Codes)

**Instructor: Doug Thornburg - ICC Instructor**

**Tuesday  
AM/PM**

### **2018 IBC Building Classifications**

This seminar addresses the key issues of the 2018 IBC regarding the proper classifications of buildings. The process for correctly evaluating a building for code compliance relies on a systematic approach to the determination of occupancy classifications and construction



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## COURSE DESCRIPTIONS AND INSTRUCTORS

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type(s). This class will describe the 26 specific occupancy groups, the 9 types of construction, determine the allowable height and area based on types of construction and special provisions applicable to mixed occupancies.

**Instructor: Steve Thomas - Colorado Code Consultants**

**Wednesday  
AM**      **2018 IBC Assembly Means of Egress**

This course addresses provisions in the 2015 International Building Code (IBC) and referenced standards relating to the design and construction of assembly spaces. It will explain the differences between the various Group A occupancies, identifying the unique aspects of the code related to assembly uses, explain the special egress provisions of Section 1029 and identify the fire code provisions related to places of assembly.

**Instructor: Steve Thomas - Colorado Code Consulting**

**Wednesday  
PM**      **Mixed Occupancies**

Based on the provisions of IBC Section 508, this course addresses those special requirements applicable to buildings containing two or more occupancy classifications. The three mixed-occupancy options are presented along with examples and exercises that illustrate the proper application of the provisions. Specific topics include: Occupancy classification, Mixed occupancy conditions, Accessory occupancies, Non-separated occupancies, Separated occupancies and Multi-story conditions.

**Instructor: Bill Clayton - Colorado Code Consulting**

**Thursday  
AM**      **Allowable Heights & Areas**

Based on the provisions of International Building Code (IBC) Chapter 5, buildings occupancy classification and type of construction relate to the maximum building size permitted. The approach to determining a buildings maximum allowable height and area is explained, including use of Table 503 and all related permitted increases due to sprinkler protection and frontage open space. Detailed provisions related to mezzanines and unlimited area buildings are also addressed. Specific topics include: limiting buildings height and area due to occupancy and construction type, allowable height and area increases due to sprinkler protection, height limits of roof structures, mezzanine, equipment platforms, allowable area increases due to open frontage, for multi-story buildings and unlimited area building provisions.

**Instructor: Bill Clayton - Colorado Code Consulting**

**Thursday  
PM**      **Fire and Life Safety Principles**

This course addresses the critical concepts of the 2015 International Building Code (IBC) regarding fire and life safety issues. These concepts provide a basis for the correct use of the code in building planning, classification of buildings and occupancies, fire-resistance-rated construction, fire protection systems and means of egress.

**Instructor: Bill Clayton - Colorado Code Consulting**



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# COURSE DESCRIPTIONS AND INSTRUCTORS

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## Plumbing and Mechanical Code

- Monday**  
**AM/PM**      **Commercial Plumbing Inspections**  
This class will cover design, sizing and installation of commercial plumbing systems.  
**Instructor: Mark Dunn - Hoover Building Inspections**
- Tuesday**  
**AM/PM**      **Commercial Mechanical Inspections**  
This class will cover design, sizing and installation of commercial plumbing systems.  
**Instructor: Sam Dardano - Redstone College**
- Wednesday**  
**AM**      **Mechanical Code Updates (2018 IMC)**  
This class will cover the significant changes and updates to the 2018 International Mechanical Code.  
**Instructor: Sam Dardano - Redstone College, Consultant**
- Wednesday**  
**PM**      **Plumbing Updates**  
This class will cover the significant changes and updates to the 2018 International Plumbing Code.  
**Instructor: Bobby Doran - Plumbers Continuing Education**
- Thursday**  
**AM**      **TSBPE Updates**  
Texas State Board of Plumbing Examiners Legislative and Rules updates.  
**Instructor: Lisa Hill- Texas State Board of Plumbing Examiners**
- TCEQ Updates**  
Texas Commission on Environmental Quality Legislative and Rules updates.  
**Instructor: Melissa Keller**
- Railroad Commission Updates**  
Railroad Commission of Texas Legislative updates including changes in LP Gas Regulations  
**Instructor: April Richardson - Texas Railroad Commission**
- Thursday**  
**PM**      **Water Heaters and Expansion Tanks**  
Class will cover different types of water heater types and installations including a discussion on requirements for the installation expansion tanks. Course is designed to expand the knowledge of inspectors to assist them when inspecting the installations covered in class.  
**Instructor: Robert Doran - Plumbers Continuing Education**

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# COURSE DESCRIPTIONS AND INSTRUCTORS

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## Residential Construction and Inspection

- Monday AM**      **Inspecting Residential Foundations**  
Basic course to develop an understanding of design, failures and repairs of residential foundations. Addresses most common problems and solutions.  
**Instructor: Tony Childress - Childress Engineering Services**
- Monday PM**      **Residential Mechanical Inspection**  
This class will walk you through the mechanical do's and don'ts of the International Residential Code's residential applications. It will cover topics including mechanical appliances an equipment, fuel gas supply, venting and air duct. This class should be of interest to residential inspectors, plan reviewers, designers and contractors.  
**Instructor: Sam Dardano - Redstone College, Consultant**
- Tuesday AM/PM**      **Plumbing Inspections from Rough to top out**  
Performing Plumbing Inspections for the Combination Inspector based on the 2015 IRC. This course will give the participants an overview of all the various parts of a Residential Plumbing Inspection. This class will start at the plumbing rough through the top out and final.  
**Instructor: Mark Dunn - Hoover Building Inspections**
- Wednesday AM/PM**      **Residential Electrical Inspection Plus 2017 NEC, TDLR Laws and Rules**  
This class shows and discusses temporary poles, rough-in wiring, grounding, bonding, services, and final inspections with photos of each aspect using the 2017 National Electrical Code. Solar Photovoltaic Systems will be discussed. Additional material will cover the TDLR law, rules, and electrical safety NFPA 70E© for State of Texas electrical license renewal. This is a basic to intermediate electrical course. TDLR Course # 17839  
**Instructor: Bill McGovern - Master Electrician**
- Thursday AM/PM**      **Basic Residential Field Inspection (Chapter 1-10 2018 IRC)**  
A fast-paced course that provides an overview of inspection checklist of the 2018 IRC Chapter 1 - 10, dealing with many facets and issues of building. Catch major and minor code items that will help bring success in field inspection process, while honing the skills necessary for recognizing code compliance. Administration rules, definitions, building planning, foundation, wood-frame construction and roofing provisions will be covered. This course is applicable to all aspects of the design/construction/regulatory community, including contractors and design professionals.  
**Instructor: Russell Thornburg - Speaker**

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# COURSE DESCRIPTIONS AND INSTRUCTORS

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## Re-Certification for Plumbing Inspectors

**Monday  
AM/PM**

**Re-Certification for Plumbing Inspectors/Continuing Education for License Renewal**  
Mandated continuing education course for licensed Plumbing Inspectors and Code Enforcement Officers whose license expire on January 31, 2019. Overview of the Texas Plumbing Licensing Law and Board Rules. Provides participants with the continuing education units required for plumbing license renewal. Approved by the Texas State Board of Plumbing Examiners for the 2018 and part of 2019 continuing education year (Includes minimum of 1 hour of Legal Updates).

**This is an 8 hour class that starts at 8:00 am and ending at 5:00 pm.**

**Instructor: Robert Doran- Plumbers Continuing Education**

## Special Topics/Disaster Training and Human Trafficking

**Tuesday  
AM/PM**

**Safety Assessment Provider Training (SAP/CalOES) - DSW Training**

In a state of emergency, building officials, architects and engineers work together to determine the habitability of homes and businesses, preventing further harm and injury to the unsuspecting occupants. Become one of those individuals who are trained and ready to respond alongside state and local authorities after a disaster. CalOES will issue Disaster Service Worker (DSW) ID cards to all professionally licensed volunteers who have completed this training. Those who are not yet licensed will receive a certificate and may contact CalOES upon licensure to receive the DSW ID card.

**Note: This course is for Architects, Engineers and Building Officials only.**

**Instructor: Jeramie Rittileuchi, AIA**

**Wednesday  
AM**

**Post Disaster Damage Assessment Coordination**

This course will provide the basics for conducting and managing damage assessment following a disaster. The session will provide the background, fundamentals, processes, and necessary documentation for post disaster damage assessment. This session is intended to assist those that may be responsible for conducting post disaster damage assessment regardless of the scope of the disaster. Building Officials, Code Compliance Directors, Chief Inspectors or any other person that is interested in assisting with coordination of damage assessment teams will benefit from this session. (Note: This course is not intended to teach the actual damage assessment criteria but is intended to assist in the management of damage assessment field teams.)

**Instructor: Jim Olk - City of Garland**

**Wednesday  
PM**

**The National Guard in the Incident Command System**

A Case study of the Texas National Guard's FEMA region VI Homeland Response Force. Examples of the TXARNG in FEMA exercises, NRF training with local authorities and the lessons learned from the Hurricane Harvey response.

**Instructor: Major Kurt A. Clawson - Texas National Guard**





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# COURSE DESCRIPTIONS AND INSTRUCTORS

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## **FEMA and Hurricane Harvey**

This class is a discussion of the role of FEMA and the problems learned and solutions.

**Instructor: REMA Region VI representative**

**Thursday  
AM/PM**

## **Human Trafficking**

This class will discuss the recognition, identification, and prevention of human trafficking factor related to the labor and sex trafficking industries

**Instructor: Kelly Kistner - Texas and Forensic Investigations Group, LLC**

## **Texas Accessibility Standards**

**Monday  
AM**

### **(4 Hrs.) Understanding Texas Access Standards**

Overview of TDLR, the state statute and rules, comparison of the Federal ADA and standards applicable to the design, construction and alteration of building/facilities. This course is certified for 4-hours of RAS CEU'S. Non-RAS's welcome.

**Note: this is a 4-hour class starting at 8:00AM and ending at 12:00Noon.**

**Instructor: Norman Kieke & Robert Posey- Texas Department of Licensing and Regulation**

**Monday  
PM**

### **(4 Hrs.) Applying Texas Access Standards**

Overview of the 2012 TAS applied to common situations that are encountered in real life. This course can be used for the one hour of self-reported barrier free AIA CEU requirements for Architects and 4-hours of RAS CEU's. Non-RAS's are welcome. **Note:**

**This is a 4-hour class starting at 1:00PM and ending at 5:00PM**

**Instructor: Robert Posey & Crisi Cooper - Texas Department of Licensing and Regulation**

## **Texas Accessibility Standard "Academy"**

**Tuesday  
AM/PM**

### **(8 Hours) Texas Accessibility Academy**

Day 1 of a 2-day course for Registered Accessibility Specialists (RAS), architects, designers and building officials. This is a comprehensive study of the Texas Architectural Barriers Act (TABAA), Administrative Rules and the 2012 Texas Accessibility Standards (2012 TAS). Attendees will receive general information about the TABAA, Administrative Rules and the 2012 TAS, including participation in activities to reinforce technical content. The course is certified for 16-hours of RAS CEU's. **THIS IS AN 8-HOUR CLASS EACH DAY STARTING AT 8:00 AM AND ENDING AT 5:00 PM. TO RECEIVE CREDIT, ATTENDANCE IS REQUIRED FOR BOTH DAYS.**

**Instructor: Norman Kieke- Texas Department of Licensing and Regulation**



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# COURSE DESCRIPTIONS AND INSTRUCTORS

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**Instructor: Crisi Cooper- Texas Department of Licensing and Regulation**

**Wednesday (8 Hours) Texas Accessibility Academy  
AM/PM**

Day 2 of a 2-day course for Registered Accessibility Specialists (RAS), architects, designers and building officials. This is a comprehensive study of the Texas Architectural Barriers Act (TABAA), Administrative Rules and the 2012 Texas Accessibility Standards (2012 TAS). Attendees will receive general information about the TABAA, Administrative Rules and the 2012 TAS, including participation in activities to reinforce technical content. The course is certified for 16-hours of RAS CEU's. **THIS IS AN 8-HOUR CLASS EACH DAY STARTING AT 8:00 AM AND ENDING AT 5:00 PM. TO RECEIVE CREDIT, ATTENDANCE IS REQUIRED FOR BOTH DAYS.**

**Instructor: Norman Kieke & Crisi Cooper - Texas Department of Licensing and Regulation**

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## REGISTRATION FEES

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### Early Bird Registration Rates – *Ends May 8, 2018*

Full Day	\$140.00
½ day	\$ 75.00

### Regular Registration Rates – *After May 8, 2018*

Full Day	\$150.00
½ day	\$ 80.00

### On-Site Registration Rates

Full Day	\$150.00
½ day	\$ 80.00

**REGISTER NOW!**



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# INSTRUCTOR PROFILES

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- Teresa Adrian**      **Teresa** has been with the city of Irving for 20 years. She on Building Officials Assn. of Texas Board of Directors and is the Presiding Officer of the newly formed TDLR Code Enforcement Officer's Advisory Committee. She is a Past President of AACE; holds multiple ICC Certifications; and teaches at state and national venues for Code Enforcement Continuing Ed.
- Fiona Allen**      Northern Region Manager for the Trinity River Authority, Responsible for Wholesale Water and Wastewater Treatment Services for 1.5 million people In the DFW Metroplex, encompassing 37 cities and the DFW International Airport. In 2011 she retired from The City of Arlington as a Deputy City Manager, with a majority of her career In the Water Utilities Department.
- Norman Alston**      **Norman** has more than 37 years of professional experience in architecture, planning, historic preservation and cultural resource management. After 10 years of doing what he refers to as "normal" architecture, he founded Norman Alston Architects and has devoted the rest of his career to the protection, preservation and restoration of Texas' rich architectural heritage. His award-winning projects span across his beloved Texas. He is particularly proud to have been recently selected to assist with current renovations and restoration at the Alamo. A graduate of the University of Texas at Austin, he currently serves as chair of the recently re-activated AIA Dallas Historic Resources Committee and on the City of Dallas' Urban Design Peer Review Panel. He was also appointed to the Antiquities Advisory Board of the Texas Historical Commission. In 2016, Norman was awarded the President's Medal for Extraordinary Service from AIA Dallas.
- Laura Baggett**      **Laura Juarez Baggett** is a graduate of the University of Texas at Arlington where she graduated with The AIA School Medal. She holds both a Bachelor and Master of Architecture. She began working with Mark Domiteaux during graduate school before eventually becoming a partner. She has served as Co-Chair of the 2016 & 2017 Home Tour Committee for AIA Dallas.
- Gary Balthrop**      Mr. Balthro has 25 yrs in the meat industry including slaughter of livestock, processing carcasses, sausage making, and retail sales: past 8 years as an investigator with the Texas Meat Safety Assurance Group.
- Renee Beckham**      Graduate of University of Houston with a BS in Education, Started career with the City of Houston in 1976 and Promoted to Chief Sanitarian in 1993. Responsible for Food Protection and Training Program and oversees Food Service Manager's Certification classes in multiple languages. Serves as the Health Department's logistics Chief during special projects.
- Ken Bennet**      **Ken** served four years with the 101st Airborne Division with the United States Army and received an honorable discharge. He has earned a Bachelor of Arts in Psychology and a Master's of Science in Social Work. Ken is a Licensed Clinical Social Worker through the Texas State Board of Social Worker Examiners, a Certified Forensic Social Worker, and a Certified Anger Resolution Therapist.
- Currently works as the Mental Health Coordinator for Hurst, Euless, and Bedford PD's, where he partners with Mental Health Peace Officers to intervene with the mentally ill. Ken provides Crisis Intervention Training, Mental Health Peace Officer Training, Hostage Negotiation Training, and other specialized trainings including Peer Support.
- Ken has published a domestic violence intervention in: Strength-Based Batterer Intervention, a book by Peter Lehmann and Catherine A. Simmons. He has published articles in the Texas State Police Journal and the National Council Magazine. In 2016 an article titled: A Proactive, Collaborative Approach to Community Mental Health; The Hurst, Euless, and Bedford (HEB) Model was published in the IACP magazine The Police Chief.



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# INSTRUCTOR PROFILES

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- Clifton Bond** Supervising Investigator for the Compliance and Enforcement department for the Texas Board of Professional Engineers.
- Brad Bray** Brad is General Manager of Multi-Family at US-Eco Logic / TexEnergy Solutions. He is LEED for Homes Green Rater AP-Homes Certified and has a Bachelor degree in Finance from the University of North Texas.
- John Bryant** John T. Bryant, Ph.D., P.G., P.E. CPG, D.GE, F.PTI, M. ASCE is President and CEO of Bryant Consultants, Inc. in Carrollton, TX. Bryant Consultants, Inc specialties include geotechnical and structural engineering, geophysical exploration, specialist laboratory testing, hydrology, forensic analysis and design of a variety of earth-structure interaction systems including: slopes, pavements, structures, dams, offshore drilling structures and the effects of climate, seismic and water on these systems. Dr. Bryant's research interests are in numerical modelling and geophysical research and development.
- Steve Burger** Steve has been in the Code industry since 1972. He started as a Secretary/Permit Tech and Residential Plans Examiner and then later worked as a Building Inspector, Zoning Inspector, Code Enforcement Officer, Senior Plans Examiner, Senior Building Inspector, Assistant Building Official, Chief Building Official and Code Consultant. He is presently the Chief Building Official for the City of Folsom, CA.
- Steve is certified in the following areas: Certified Building Official, LEED A.P., Certified Code Official, Permit Technician, Code Specialist, Plans Examiner, Building Inspector, Mechanical Inspector, Electrical Inspector, Accessibility/Usability Specialist, One-and two-family Electrical Inspector and Fire Inspector II. He also has served on the following ICBO/ICC Committees: Permit Technician Exam Committee, Education Committee, Certification Committee and the Legacy Codes Exam Committee as well as the Arizona Building Officials (AZBO) Education Committee and Legislative Committee. In 1999 he was elected President of the Arizona Chapter and Chairman of the Arizona Building Officials. Steve was named AZBO Building Official of the Year in 2000, 2002, 2003 and 2005. Presently he is a member of the California Building Officials (CALBO), 2017 Education Chair and Board Member for the Sacramento Valley Association of Building Officials (SVABO) and represents Building Officials as Chairperson on the State of California Building and Fire Advisory Committee. He has received the SVABO Inspector of the Year Award (2012), Outstand Contributions Award (2015) and President's Award (2016) as well as the 2016 ICC Educator of the Year.
- Phillip Cagle** Certified peace officer since 2001. Certifications as an intermediate peace officer, crime prevention officer, field training officer, and basic instructor. Certified in Code I in 2008, where I worked for Fort Worth Code in the illegal dumping. Code II certification in 2009. Working at Haltom City Code since 2015.
- Tony Childress** Founder and Owner of Childress Engineering Services, Inc. established in 1994; licensed Professional Engineer in 35 states. He has 28 years experiences in research, design management, and consulting; Past Chairman Texas Tech University Civil Engineering Academy.
- William (Bill) Clayton** Builder/designer from 1974 to 1991; Code Consultant, Plans Examiner, Inspector, and Instructor, and Colorado Code Consulting 2015 to present day. He also worked for three different jurisdictions from 1991 to 2015: Chief Building Official for City of Lakewood, Colorado from 2007 to 2015 Plans Examiner City of Westminster 1996 to 2007 and Inspector Pikes Peak Regional Building Department, and City of Westminster, CO, 1991 to 1996. He was past member of IBC general committee for 2015 code cycle, ICC/IEBC committee for 2009 and 2012 code cycles, and member of Colorado Chapter of the ICC Code Change Committee member since 1999.



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# INSTRUCTOR PROFILES

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- Kurt Clawson** Major Kurt Clawson has served in the Texas army National Guard for 13 years. He has been called for duty to Hurricanes Rita and Harvey, Operation Iraqi freedom as well as numerous training events in and outside of the United States. Major clawson currently serves as the senior intelligence Officer for the 136MEB which also functions as the Homeland Response force for FEMA Region VI.
- Crisi Cooper** Crisi Cooper is a Program Specialist in the Architectural Barriers Program with the Texas Department of Licensing and Regulation. She became a Registered Accessibility Specialist in 2004 and joined the Architectural Barriers Program team in 2015. She is a native Texan and has a Master's degree in Architecture.
- Phil Crone** Executive Director of Dallas Builders Association
- Sam Dardano** He has 50 years experiences in HVAC; teaches Mechanical Code Classes for Redstone College, serves as technical consultant to country and city agencies for Mechanical/Fuel-Gas codes; Mechanical Plan Review for ICC.
- Robert Doran** Master plumber for nearly 30 years; began his teaching career with Texas A&M University Engineering Extension Services at the Beginning of the CPE program in 1994; active member of ASPE DFW chapter, and donates his time to many different types of training towards the Health and Safety of the state; personally contributed in the development of all the training manuals, including writing for the CPE books, and designing of power point presentations to maximize the time-to-learn ratio to insure the best possible score on all certification tests; currently involved with the Texas Residential Fire Sprinkler Coalition in demonstrating the importance of sprinkler systems in the home.
- Julie Dasher** Mrs. Dasher has been an associate with Nichols, Jackson, Dillard, Hager & Smith, L.L.P. since May, 2010, and her area of practice is in municipal law. Prior to joining the Firm, Mrs. Dasher served as First Assistant City Attorney for the City of Cedar Park, Texas, and as an Assistant City Attorney for the City of Waco, Texas.
- Mark Dunn** Mark is the Chief Plumbing, Gas and Mechanical Inspector for the City of Hoover in Alabama where he has been employed for 22 years. Before employment with the City of Hoover, Mark was a member of the Plumbers and Steamfitters Local #91 in Birmingham, Alabama which he joined in 1978. He has a State of Alabama Master Plumbing and Gas Fitters certification along with Plumbing, Mechanical and Gas ICC Certifications. (Certifications are: Alabama Certificate for Master Plumber and Gas Fitter. ICC Certified Plumbing Inspector, Certified Plumbing Plans Examiner, Certified Mechanical Inspector, Certified Mechanical Plans Examiner). Mr. Dunn has been an Instructor for the Alabama Association of Plumbing, Gas and Mechanical Inspectors for the past 20 years and has also served on ICC Plumbing Code Committees. He also teaches as an ICC instructor as well as being involved in assisting in the writing of code training materials for the ICC.
- Shirley Ellis** Energy Code Specialist at the Energy Systems Laboratory, Texas A&M University System; a contract instructor for the International Code Council, instructing classes on Green Building, Energy Conservation, Residential, and Building Codes and Codes of Contractors.
- Brian C. Eubanks** Founder and Principal Structural engineer of Paragon Structural engineering, LTD, (PSE) structural design and forensic investigation firm in Plano, Texas.



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# INSTRUCTOR PROFILES

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**Dave Gattis**

FAICP, CFM, ICMA-CM retired as the Deputy City Manager for the City of Benbrook where he was responsible for planning, engineering, building inspection, capital improvements, geographic information systems, public works, information technology and economic development activities in the City. Prior to coming to work for Benbrook in 1988, Mr. Gattis served on Benbrook's Home Rule Charter Commission, and served on Benbrook's Planning and Zoning Commission for five years.

**David Gonzales**

David is a Manager of the Building & Mechanical Section at the Texas Department of Licensing and Regulation (TDLR). Over 14 years with TDLR providing technical expertise for the Architectural Barriers Program. Responsibilities include program management, accessibility investigations/inspections, plan review services, and development and facilitation of the Texas Accessibility Academy.

**Joseph Gorfida**

Joe is a partner with Nichols, Jackson, Dillard, Hager & Smith, L.L.P. His primary emphasis is in municipal law, including the areas of planning and zoning, contracts, public works and procurement, open government, employment law and personnel matters, and litigation. Prior to joining the firm, Mr. Gorfida served as a judge for the Cities of Plano and Lucas. He current serves as the city attorney for Sachse, DeSoto, Lucas, and Hutchins; and, as legal counsel for the cities of Allen and Richardson. Mr. Gorfida is a frequent speaker on legal issues affecting matters of building standards and code enforcement.

**Jerry Halcomb, FAIA**

Jerry Halcomb founded HH Architects in 1971 and served as president and CEO there for 41 years. After retiring from the company in June of 2012, Halcomb moved into a consulting role, founding Studio H Consultants where he serves as president. In his new role, Jerry continues to work with churches, sharing his decades of experience and expertise, providing pre-design services, helping demystify the design and building process, providing needs assessment, growth planning, and representing the church as project facilitator in the building and expansion process. In addition to consulting with church leaders, Jerry continues to speak at national conferences and expositions, blog on church design, and contribute articles on church architectural design, community connection and fellowship.

**Benchmark Harris**

Mr. Harris is a PE and Vice President of Engineering for Huckabee with over 20 years of experience, including 26 ICC 500 Tornado Shelters since the 2015 IBC was published and numerous FEMA safe Rooms before that. Huckabee is a 230-person firm providing Architecture and Engineering services exclusively for the learning Environments such as K-12 Public schools and Universities, with offices in Austin, Dallas, Fort Worth, Houston, San Antonio and Waco. Ben is the Chair of the National Storm Shelter Association (NSSA) Design Practices committee, Chair of the Structural Engineers Association of Tx (SEAoT) Tornado shelter Design Practices Task Group, Chair of the National Disaster Investigation Committee with the Masonry Society (TMS), and a member of the National Council of Structural Engineers Associations (NCSEA) Code Advisory Committee. For the past 15 years, he has been involved with various organizations on building code committees such as ASCE 7 (responsible for design loads) and TMS 402 (responsible for masonry design). In 2015, he received the TMS Paul Haller Structural Design Award. He has a B.S. in Civil Engineering from the University of Texas at Austin and an M.S. in Structures and Applied Mechanics from the University of Texas at Arlington.

**Lisa Hill**

Executive Director of the Texas State Board of Plumbing Examiners; State Licensed Master Plumber.

**Kirk Johnson**

An associate architect at Corgan, Kirk Johnson has been instrumental in developing sustainable practices for the firm that have produced more than 9,500,000 square feet of design and construction, including coordinating firm sustainability efforts for the Dallas City Performance Hall, a net-zero secondary school, the DFW Airport and the new Parkland Hospital campus. Kirk is past President of USGBC North Texas Chapter.





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# INSTRUCTOR PROFILES

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**James Keith**

Jim Keith is a Senior Associate and Water Resources Practice Leader with Walter P Moore. He has more than 17 years of technical and managerial experience in water resources planning and flood risk management, including open channels and storm drain, dams and levees, and systems optimization.

**Norman Kieke**

Program Specialist, (at this time, Program Specialist V), in the Architectural Barriers Program with the Texas Department of Licensing and Regulations since September 2008; A native Austinite, his career has been in the service of people with disabilities having enjoyed a twenty-seven-year career as Executive Director of United Cerebral Palsy Association of the Capitol Area in Austin.

**Kelly Kistner**

Kelly is the Chief Investigator for Texas with Forensic Investigations Group, LLC., the only private forensics company accredited to ISO 17020 standards as a fire investigation unit. Prior to returning to the private sector, Kelly was the Assistant State Fire Marshal in Texas and responsible for the fire investigation, fire inspection, and outreach, policy and research sections of the SFMO. Kelly is the former fire marshal of Guadalupe County, TX. Kelly has served in multiple other capacities in the fire service and law enforcement. The position include 9-1-1 dispatching, patrol, investigations, training and administration. While in Guadalupe County, Kelly observed what he believed to be indications of Human Trafficking. The observations ultimately led to an interstate, multi-jurisdictional investigation. Since that first incident, Kelly has been involved in several other human trafficking investigations—most of which came from fire inspection and investigation duties. He received his bachelor degree from Texas State University in Urban and Regional Planning. He is currently pursuing his Masters of Science in Forensic Sciences from Oklahoma State University.

He is a master Texas peace officer, a certified fire investigator through the International Association of Arson Investigators, and holds advanced Texas certifications as an arson investigator, fire inspector and firefighter. He is also certified as a fire service Instructor III, Fire Officer, and Incident Safety Officer. Kelly is a Certified Fire Protection Specialist and currently serves on as a principle voting member on two NFPA committees.

**Jerald Kunkel, PE**

Registered Professional Engineer in 37 states; specializes in the design and investigation of commercial and residential structures; design experience includes bridge design, steel and concrete design of commercial buildings and concrete and wood framing design of residential structures; involved in the design of slab-on-grade foundations in the expansive clay soils of north central Texas and at various locations nationwide for the past 38 years; Clinical Assistant Professor teaching structures at the University of Texas at Austin.

**Mike Lee**

Michael Lee, P.E., is a structural engineer with 37 years of experience in design and analysis of building and other structures. He has a B.S. in Architectural Engineering and M.S. in structural Engineering, both from the University of Texas at Austin. Mr. Lee is a Principal with Wiss, Janney, Elstner Assoc. (WJE) where his work focuses on structural investigations and remediation. Prior to joining WJE, he practiced as a design engineer with W.E. Simpson (San Antonio) and Gunnin-Campbell (Dallas). He is an active member of ACE Committees 117 and 440; ASCE Committee 7; and PCI Standards and Parking Structures committees. Mr. Lee is also an active member of SEAoT, having served as President (Dallas Chapter) and State Board Member, and is currently serving as Chair of the Technical & Code Committee.

**Mike Lester**

City of Fort Worth; Deputy Director of Planning and Development; oversees Planning Division, which is responsible for long-range planning, zoning, platting, annexation, urban design, and historic preservation.



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# INSTRUCTOR PROFILES

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**Keith Loffland**

IAIE Director of Education; International Instructor for IAIE; Member of Code Making Panel-9 for the 2008, 2011, 2014, and 2017 NEC; Former Chief MEP Inspector for City of Garland; 23+ years of experience as Electrical Inspector; Master Electrician-State of Texas; Electrical Inspector Certifications from IAIE and ICC.

**Anthony Majors**

**Anthony** is a Code Enforcement Officer, Inspector C, Licensing Division for the Austin Code Department. He also serves on the Austin Code Safety Committee and is currently an instructor for the Code Enforcement Association of Texas (C.E.A.T.) He has been employed with the City of Austin for 25 years. Prior to working with the Austin Code Department (11 yrs.), He worked for Austin Resource Recovery (14 yrs.), Human Resources Division. It was there that he realized his love for training. Currently he is actively involved and remains enrolled in the Theocratic Ministry School for the Public Speaking.

**Madan Mehta, PH. D**

Professor of Architecture at UT Arlington; author of several full-length books and monographs in many diverse areas of architectural engineering, Building Construction, Architectural acoustics, Roofing Design, Wind Loads on Roofs and roof Drainage.

**Bill McGovern**

Bill McGovern was the previous Electrical Inspection Services Supervisor for the City of Plano, Texas. He represents Intertek as an alternate member on CMP-2 and formally served as Chairman on the ICC Electrical Exam Development. Bill also serves as a committee member on various NECA National Electrical Installation Standards (NEIS). Bill served in the United States Marine Corps as an Aircraft Electrician, completed an electrical apprenticeship in the IBEW and holds a Master Electricians license in the State of Texas.

**Anthony Molinaro, Jr (PE)** Tony Molinaro is the Regional Director of the Texas Operations for TLC Engineering for Architecture. TLC is a Mechanical/Electrical/Plumbing/Structural/Low Voltage engineering design services firm. TLC designs a variety of project types, from healthcare to retail and specializes in high performance sustainable projects. Tony has over 30 years expertise with various project types and sizes. He is a member of the SMU Digital Advisory Panel and spent over ten years on a City Board of Code Appeals. Tony has a BSME from Gannon University.

**Frank C. Morris**

Frank C. Morris, CBO, CEAP, MCP, is a noted speaker who has more than 44 years' experience in the construction industry as a contractor, building official and consultant. Although he is not a practicing Building Official, Mr. Morris remains current with his CBO, CEAP, MCP and MCEP designations. He is still one of the top certified Building Officials in the United States. He has taught for SBCCI and ICC and also provides consulting services to the construction industry.

**Christopher Norris**

Chris is Managing Director for Walter P Moore's Diagnostics Group in Atlanta. With broad experience in building envelop consulting, he is also the firm-wide leader for Diagnostics' Building Enclosure practice area. Chris' expertise includes project management, building envelope design and third-party building design review, forensic assessments, field and laboratory testing, structural steel and concrete design, and expert consultation in litigation support. He is active in the Atlanta Chapter of the Building Enclosure Council where he serves on the board. He earned his Bachelor in Civil Engineering from the University of Waterloo in Ontario, Canada. Chris is a licensed professional engineer in Georgia, Delaware, Washington and Florida, and in Ontario, Canada.

**Mark Ode**

Mark Ode is a lead engineering associate for Energy & Power Technologies at Underwriters Laboratories Inc, member of the National Electrical Code Correlating Committee and the 2017 NEC code making panels 3 and 13.



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# INSTRUCTOR PROFILES

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**Jim Olk**

Jim Olk is Building Official for the City of Garland, Texas. Jim has worked for municipal governments for over 35 years. Jim serves on several local, regional and national Boards and Councils. Jim heads up the Disaster Response Team for the Building Officials Association of Texas and was the Lead Responder for damage assessment for 8 disasters including the fertilizer plant explosion in West, tornado in Cleburne, and the flood and tornado in Garland, and Hurricane Harvey along the Texas Gulf Coast

**Ivan Perez-Rossello**

Iván is a licensed architect specializing in innovative sustainable design solutions in the corporate, retail and hospitality industries. He is the Design Manager for Starbucks Coffee Company and has directed the design of over 120 Starbucks stores between 2013 and 2017 in the Texas market. He has a Bachelor of Architecture from Cornell University and a Master of Architecture from Harvard University.

**Garrett Ryan**

Garrett Ryan P.E. is a Senior Structural engineer for Paragon Structural Engineering, LTD. (PSE) is a structural design and forensic investigation firm based in Plano, TX. Mr. Ryan holds a B.S. degree in Architectural (Structural) engineering from the University of Texas in Austin. Mr. Ryan is a Licensed Professional Engineer in 7 states and is a Model Law Engineer with the National Council of Examiners for Engineering and Surveying (NCEES).

**Robert Posey**

Program Manager for the Texas Department of Licensing and Regulations (TDLR) Architectural Barriers Program. He is instrumental in the development and monitoring of the program activities related to TDLR staff and Registered Accessibility Specialists (RAS) licensed by the department. Robert also assists in the development, implementation, and the execution of Administrative Rules, procedures and the Texas Accessibility Academy presented by the department. Robert has been with the Texas Department of Licensing and Regulation since June 2000 and Manager of the Architectural Barriers Program for 11 years. He is a native West Texan and has extensive experience in facilities design, construction and project management.

**Patrick Prather**

Managing partner/owner of Entex Pest Solutions and Municipal Mosquito. Board Certified Entomologist

**April Richardson**

Graduate Forester, President of the American Lumber Standard Committee which provides the basis for standardized sizes and grades of softwood lumber, the nomenclature used to specify it, the commercial

**C.B. Sanders**

**Officer Sanders** has been with the Euless Police Department since 1992. He is a veteran of the Texas Army National Guard serving nine years as a non-commissioned officer in the Headquarters Company of the 2<sup>nd</sup> Bde, 49<sup>th</sup> Armored Division. While at Euless, SPO Sanders has served as a School Resource Officer, Field Training Officer, Crisis Negotiator Team Leader, CISM team member and Peer Support team member. He holds a Master Peace Officer License and has been awarded Rookie of the Year, Certificate of Merit and numerous personal commendations. Currently SPO Sanders is a full time Mental Health Peace Officer on the Joint Mid Cities Mental Health Team (Don Illingworth & Associates).

**Steve Saunders**

Rae Lynn Schneider is the Owner and President of Integrated Environmental Solutions, LLC (IES). IES has been in business for 11 years in the Dallas/Fort Worth area providing a more personal approach to natural and cultural resources issues. Rae Lynn, as a consultant, has provided services to the General Services Administration (GSA), the U.S. Army, the U.S. Air Force, the U.S. Department of Agriculture, the U.S. Navy, local municipalities, quasi-government agencies, and private developments. Rae Lynn has become well versed in most environmental regulations due to the NEPA analysis requirements at the federal level.



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# INSTRUCTOR PROFILES

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- Kim Shinn, PE** Kim Shinn is a professional engineer and a Principal with TLC Engineering for Architecture ([www.tlc-engineers.com](http://www.tlc-engineers.com)). He is a certified Commissioning Authority and ASHRAE certified Building Energy Modeling Professional. He is a LEED Accredited Professional and was elevated to LEED Fellow in 2011. Kim currently serves on ASHRAE's Standard Project Committee 209, "Energy Simulation Aided Design for Buildings Except Low-Rise Residential Buildings".
- Janet Spugnardi, J.D.** She has over 12 years of experience serving as legal counsel for cities in the State of Texas, with a primary emphasis on code enforcement issues; joined the City Attorney's Office of Irving, where she handles various transactional, litigation, and appellate matters for the City and serves as the staff attorney for both the Building and Standards Commission and the Planning and Zoning Commission;; worked in private practice and a the City of Dallas, where she handled extensive litigation involving code ordinance, land use and zoning, criminal nuisance abatement, and inverse condemnation; received the Daniel J. Curtin Young Public Lawyer of the Year award from the International Municipal Lawyers Association
- Mike Swan** Entex Pest Solutions- Operations Manager, Board Certified Entomologist.
- Wayne Terry** Manager of Surveying Services, R-Delta Engineering, Inc.
- Steve Thomas** President of Colorado Code Consulting, LLC; currently on the ICC Means of Egress Code Development Committee.
- Doug Thornburg** Mr. Thornburg is currently Vice-President and Technical Director of Products and Services for the International Code Council (ICC) where he provides administrative and technical leadership for the ICC product development activities. A graduate of Kansas State University and a registered architect, Doug has over 36 years of experience in building code training and administration.
- Russell Thornburg** Over 30 years of construction and inspection experience, 17 of which have been spent as an educator; currently employed as a Plan Examiner for the Johnson County, Kansas, Building and Codes Department; BS degree in Religion/English from the University of Mary Hardin-Baylor, and a Master of Divinity in Theology/Education from the Southwest Baptist Theological Seminary in Texas and received his certification in Building Inspection Technology from North Hennepin Community College in Minnesota; taught both building inspection technology classes at community colleges and continuing education seminars for contractors; in his spare time, Russell develops code seminars for various municipalities and organizations.
- Gilbert Urvina** Chief Plumbing/Mechanical Inspector for the City of Frisco.
- Lee Watts** Lee is a 14 year veteran of the US Army Combat Assault Bridge Company, where he was assigned as an assault float ribbon Supervisor. After his tour service was done, he worked in the City of Waco as a Code Officer and then as a Rehab Inspector for CDBG for 2 Years. Then an opportunity became available to work in the City of Killeen as a Code Officer, and was later promoted to Field Supervisor II. Currently Lee has 19 years' experience in the Field Of Code Enforcement.



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# INSTRUCTOR PROFILES

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**Whitt Wyatt**

Mr. Wyatt is a partner with Nichols, Jackson, Dillard, Hager & Smith, L.L.P. His practice is devoted entirely to local government law and litigation on behalf of more than 30 municipalities throughout the State. Mr. Wyatt also is a frequent speaker on legal issues affecting matters of building standards and code enforcement.

**Jason Vandever**

Energy Code Program Manager for SPERR. Jason is a certified building official with over 15 years combined experiences in building construction and inspection. Prior to joining SPEER, he was the Chief Building Official for the City of Granbury for four years and a municipal inspector prior to that; He currently sits on the NCTCOG Energy and Green Advisory Board.

## SAVE THE DATE

**Mark your calendars!**

**The 27<sup>th</sup> Annual North Texas Building  
Professional Institute will be held  
May 20-23, 2019 in Irving, Texas.**



# 26<sup>th</sup> Annual BPI PROGRAM SCHEDULE

Irving Convention Center  
500 West Las Colinas Boulevard • Irving, TX 75039  
May 21-24, 2018

Please be advised your attendance roster is to be signed at the beginning of the class and initialed 10 minutes prior to the end class. Credit will not be given unless roster is signed and initialed correctly.

## Monday, May 21, 2018

7:00 AM	8:00 AM	Exhibitor Set Up, Exhibitor Showcase Opens @ 8:00 am
7:30 AM	8:30 AM	<b>Registration Opens, Coffee</b>
8:00 AM	8:30 AM	Exhibitor Showcase Open (Monday, Tuesday & Wednesday only)
8:00 AM	12:00 PM	<b>Understanding Texas Accessibility Requirements (4 hr. Course)</b>
8:00 AM	5:00 PM	<b>Re-Certification for Plumbing Inspectors/Continuing Education for License Renewal (8 hrs)</b>
8:30 AM	10:00 AM	BPI Courses-See Posted Daily Classroom Schedule
10:00 AM	10:30 AM	Break-All Courses- Exhibition Area- Showcase Open
10:30 AM	12:00 PM	<b>BPI Courses</b>
11:30 AM	1:00 PM	Lunch (For Full Day Registrants)
11:30 AM	1:00 PM	Exhibit Area- Exhibitor Showcase Open
1:00 PM	1:00 PM	<b>Applying Texas Accessibility Requirements (4 hr. course)</b>
1:00 PM	2:30 PM	<b>PM Courses- See Posted Daily Classroom Schedule</b>
2:15 PM	2:30 PM	Break- AP Courses- Exhibitor Showcase Open
2:30 PM	4:15 PM	<b>AP Courses- See Posted Daily Classroom Schedule</b>
2:30 PM	2:45 PM	Break-PM Courses- Exhibitor Showcase Open
2:45 PM	4:15 PM	<b>PM Courses- See Posted Daily Classroom Schedule</b>

## Tuesday, May 22, 2018

7:30 AM	8:30 AM	<b>Registration, Coffee</b>
8:00 AM	8:30 AM	Exhibitor Showcase Open
8:00 AM	5:00 PM	8 Hour Class- TAS Academy
8:30 AM	10:00 AM	<b>BPI Courses- See Posted Daily Classroom Schedule</b>
10:00 AM	10:30 AM	Break- All Courses, Exhibitors Showcase Open
10:30 AM	12:00 PM	<b>BPI Courses- See Posted Daily Classroom Schedule</b>
11:30 AM	1:00 PM	Lunch (For Full Day Registrants), Exhibit Area- Exhibitors Showcase Open
11:30 AM	1:00 PM	<b>BOAT Business Meeting</b>
11:30 AM	12:30 PM	Lunch- AP Courses- See Curriculum Table
12:00 PM	1:00 PM	Lunch- PM Courses- See Curriculum Table
12:30 PM	2:15 PM	<b>AP Courses- See Posted Daily Classroom Schedule</b>
1:00 PM	2:30 PM	<b>PM Courses- See Posted Daily Classroom Schedule</b>
2:15 PM	2:30 PM	Break- AP Courses- Exhibitors Showcase Open
2:30 PM	4:15 PM	<b>AP Courses- See Posted Daily Classroom Schedule</b>
2:30 PM	2:45 PM	Break- PM Courses- Exhibitor Showcase Open
2:45 PM	4:15 PM	<b>PM Courses- See Posted Daily Classroom Schedule</b>





# 26<sup>th</sup> Annual BPI PROGRAM SCHEDULE

Irving Convention Center  
500 West Las Colinas Boulevard • Irving, TX 75039  
May 21-24, 2018

Please be advised your attendance roster is to be signed at the beginning of the class and initialed 10 minutes prior to the end class. Credit will not be given unless roster is signed and initialed correctly.

## Wednesday, May 23, 2018

7:30 AM	8:30 PM	<b>Registration, Coffee</b>
8:00 AM	8:30 AM	Exhibitors Showcase Open
8:00 AM	5:00 PM	8 Hour Class- TAS Academy
8:30 AM	10:00 AM	<b>BPI Courses- See Posted Daily Classroom Schedule</b>
10:00 AM	10:30 AM	Break- All Courses-Exhibitors Showcase Open.....
10:30 AM	12:00 PM	<b>BPI Courses- See Posted Daily Classroom Schedule</b>
11:30 AM	1:00 PM	Lunch (Full Day Registrants) Exhibitors Showcase Open (Showcase closes @ 3:00 PM Wednesday)
11:30 AM	12:30 PM	Lunch- AP Courses- See Curriculum Table
12:00 PM	1:00 PM	Lunch- PM Courses- See Curriculum Table
12:30 PM	2:15 PM	<b>AP Courses- See Posted Daily Classroom Schedule</b>
1:00 PM	2:30 PM	<b>PM Courses- See Posted Daily Classroom Schedule</b>
2:15 PM	2:30 PM	Break- AP classes
2:30 PM	4:00 PM	<b>AP Courses- See Posted Daily Classroom Schedule</b>

## Thursday, May 24, 2018

7:30 AM	8:30 AM	<b>Registration, Coffee</b>
8:30 AM	10:30 AM	<b>BPI Courses- See Posted Daily Classroom Schedule</b>
10:00 AM	10:15 AM	Break- All Courses
10:15 AM	12:00 PM	<b>BPI Courses- See Posted Daily Classroom Schedule</b>
12:00 PM	1:00 PM	Lunch (For Full Day Registrants) – All Classes
1:00 PM	2:30 PM	<b>BPI Courses- See Posted Daily Classroom Schedule</b>
2:30 PM	4:00 PM	Break
2:45 PM	2:45 PM	<b>BPI Courses- See Posted Daily Classroom Schedule</b>



### Visit the ICC Bookstore!

Purchase ICC Codes, Standards and Publications for 20-25% off list price!  
Other publications are available for up to 10% off.  
Bookstore **opens daily at 8 a.m. - 4:30 pm.**  
Be sure to visit the bookstore for more details!



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## REGISTRATION FEES

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### Early Bird Registration Rates – *Ends May 8, 2018*

Full Day	\$140.00
½ day	\$ 75.00

### Regular Registration Rates – *After May 8, 2018*

Full Day	\$150.00
½ day	\$ 80.00

### On-Site Registration Rates

Full Day	\$150.00
½ day	\$ 80.00

**REGISTER NOW!**

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## HOTEL INFORMATION

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### Hyatt Place Las Colinas

5455 Green Park Drive

Irving, TX 75038

972-550-7400

Complimentary shuttle to the Irving Convention Center provided by the Hyatt Place.

**Group Name:** Building Professional Institute

**BOOK MY ROOM  
NOW!**



# 26th Annual North Texas Building Professional Institute



ICC Membership Number:				<b>Early Bird Registration Rates</b> – Ends May 8, 2018 Full Day \$140.00 ½ day \$ 75.00  <b>Regular Registration Rates</b> – After May 8, 2018 Full Day \$150.00 ½ day \$ 80.00  <b>On-Site Registration Rates</b> Full Day \$150.00 ½ day \$ 80.00  Mail to: International Code Council - BPI Registrar Central Regional Office 4051 Flossmoor Road Country Club Hills, Illinois 60478  Fax to: 708-799-2651  Contact the International Code Council at 1-888-422-7233, extension 4525 or <a href="mailto:ichagolla@iccsafe.org">ichagolla@iccsafe.org</a>
First Name:		Middle Initial:		
Last Name:				
Job Title for Badge:				
Jurisdiction/Organization:				
Address:				
City:				
State/Province:				
Zip Code:				
Country:				
E-Mail:				
Day Telephone:		Extension:		
Home Telephone:		Fax Number:		
Please indicate if you require special seminar room accessibility accommodations:				

## SEMINAR REGISTRATION

Enter session numbers below:

	Monday	Tuesday	Wednesday	Thursday
AM or All Day				
PM				

## TOTAL REGISTRATION FEES

I am attending all 4 days:	\$560 (ends May 8, 2018) or \$600 (after May 8, 2018)	\$
I am attending less than 3 days :	\$140 per day/\$75 per half day or \$150 per day/\$80 per half day	\$
	(ends May 8, 2018) (after May 8, 2018)	

<b>PAYMENT OPTIONS</b>		<b>TOTAL:</b>	\$
Bill Me (Code Council Members only)	Member #:		
Payment Enclosed (Checks payable to: International Code Council)			
Credit Card Payment: _____ Visa _____ Mastercard _____ American Express _____ Discover			
Card Number:	Exp. Date: /	Signature:	CVV Code: